

Curriculum Vitae

**Tyler J. Howell, BS***Electronics Engineer*

Federal Bureau of Investigation
 Digital Forensics and Analysis Section
 Building 27958A, Research Drive
 Quantico, VA 22135
 (703) 985-3509

PROFESSIONAL EXPERIENCE

August 2012 – Present

Electronics Engineer

*Federal Bureau of Investigation
 Quantico, VA*

Supports program for electronic forensics. Main duties are technical analysis of electronic devices, and development of techniques to acquire data from devices.

August 2009 – August 2012

Electronics Engineer

*Booz Allen Hamilton
 Quantico, VA*

Supported joint Department of Justice and Department of Defense Terrorist Device Analytical Center (TEDAC) program. Main duties were technical analysis of Improvised Explosive Devices (IED) and their associated electronics. This included, but was not limited to characterization of Radio Frequency (RF) and signal properties of electronic devices, along with authoring and reviewing 50+ page technical reports.

EDUCATION

August 2004 – August 2009

Georgia Institute of Technology (Georgia Tech)

*Atlanta, GA
 Bachelor of Science
 Major: Electrical Engineering*

August 2010 – May 2015
 (Expected)

Virginia Polytechnic Institute and State University (Virginia Tech)

*Blacksburg, VA
 Masters of Engineering
 Major: Electrical Engineering
 Concentration: Communications*

RELEVANT EXPERIENCE

Over 150 IED triggers analyzed since 2010.

PROFESSIONAL TRAINING

January 2014

CART Tech Training (Stafford, VA) – 5 days